

4. FACILITIES/STRUCTURES DETAILS

4.1 Building: CPP-627

Name: Remote Analytical Facility

Activation Year: 1955

Utility Termination: 2005

Inactivation/Deactivation Year: 2005

Decommissioned Year: 2005

End State: Facility structure and interior components removed. Concrete barrier poured over existing concrete slab and identified Resource Conservation and Recovery Act (RCRA) -regulated piping removed per the approved Removal Action Work Plan (DOE-NE-ID 2004b).

Environmental Checklist (EC): INTEC-04-004 (Angle 2004)

Area: 14,727 ft²

Volume of Nonhazardous Waste Generated: 0 yd³

Volume of Asbestos Waste Generated: 84.33 yd³

Volume of Hazardous Waste Generated: 0 yd³

Volume of Mixed Low-Level Waste Generated: 4,543.71 yd³

Volume of Low-Level Waste Generated: 139.21 yd³

Volume of Toxic Substances Control Act/Polychlorinated Biphenyl (TSCA/PCB) Waste Generated: 3.33 yd³

Volume of Universal Waste Generated: 0 yd³

Number of Floors: 2

Number of Floors Below Grade: 0

Construction Type: Reinforced concrete

Project File Number: 24057

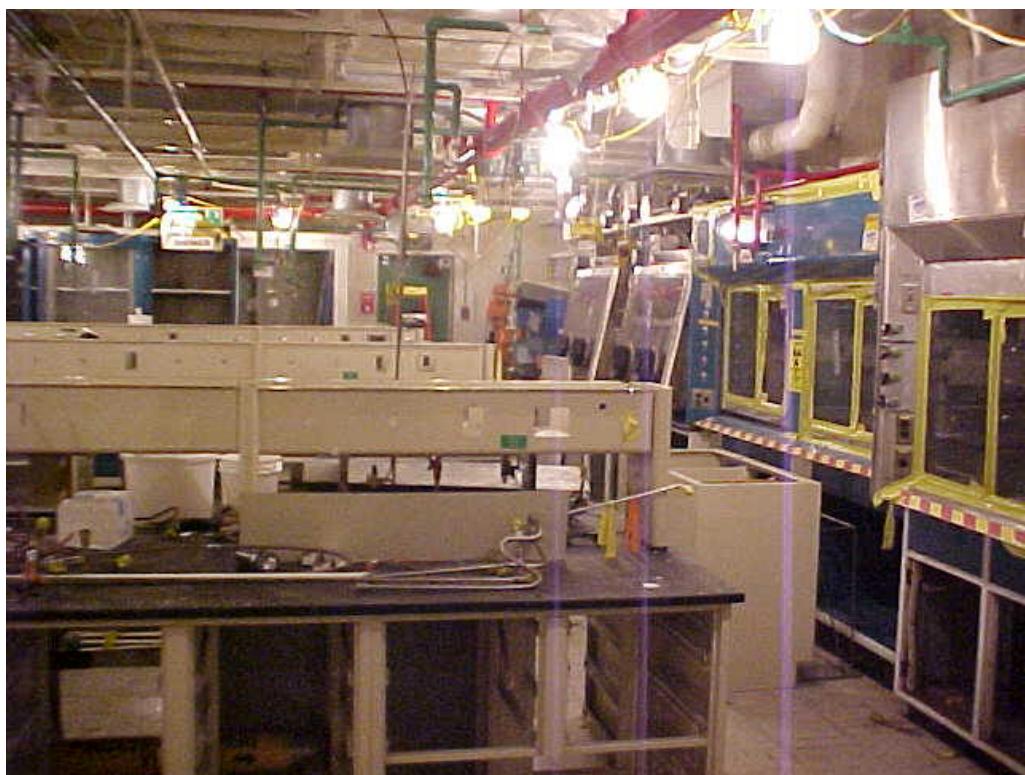


Figure 4-1. Old Shift Lab prior to D&D.



Figure 4-2. Old Shift Lab after D&D.



Figure 4-3. Emission Spectroscopy Lab prior to D&D.



Figure 4-4. Decon Development Lab/Hot Chemistry Lab prior to D&D.



Figure 4-5. Emission Spectroscopy Lab cave.



Figure 4-6. DDL/HCL/ESL after D&D.

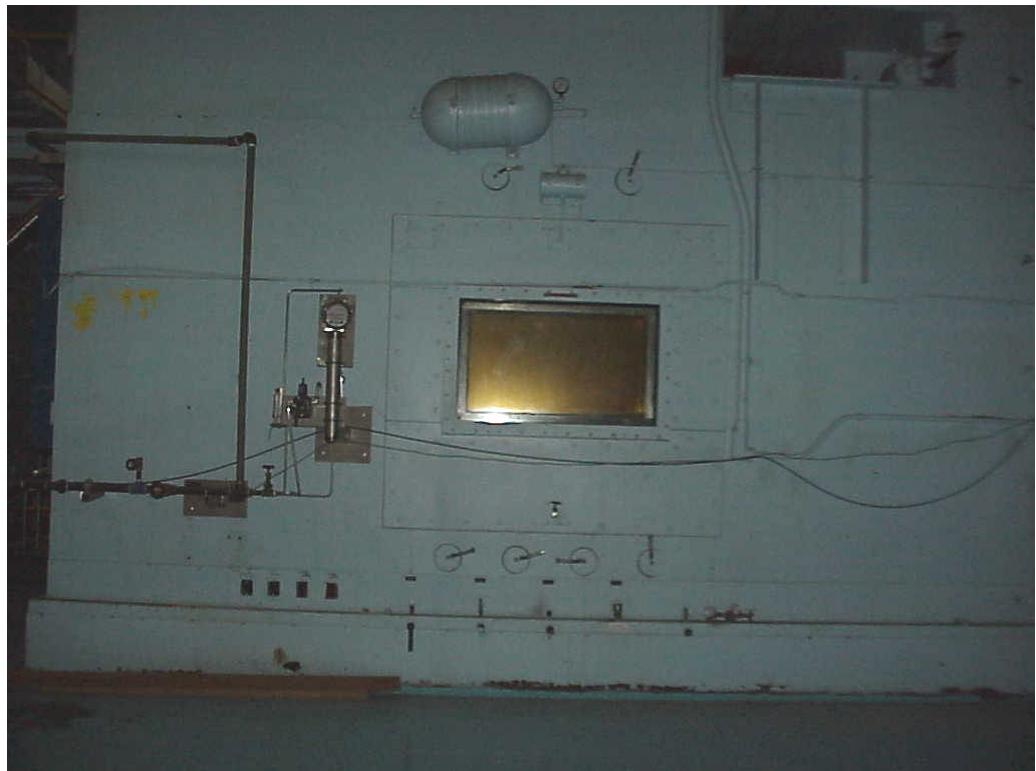


Figure 4-7. Multi-Curie Cell prior to D&D.



Figure 4-8. Multi-Curie Cell after D&D.



Figure 4-9. A&B Line corridor prior to demolition.



Figure 4-10. A&B Line during D&D with tent installed.



Figure 4-11. Sample bottles found in A&B Line trough.



Figure 4-12. Painted trough in A&B Lines.



Figure 4-13. General piping removal.



Figure 4-14. Round House during removal of A&B Line gloveboxes.



Figure 4-15. Wrapping A&B Line glovebox in the Round House.



Figure 4-16. Moving glovebox from Round House to wrapping tent.



Figure 4-17. Moving wrapped glovebox from wrapping tent to cargo container.



Figure 4-18. Rigged stack from roof of CPP-627.



Figure 4-19. Removing stack from roof of CPP-627.



Figure 4-20. Lifting Multi-Curie Cell door from building.



Figure 4-21. Cutting the Multi-Curie Cell into blocks.



Figure 4-22. Demolition of CPP-627 (first photo).



Figure 4-23. Demolition of CPP-627 (second photo).



Figure 4-24. Demolition of CPP-627 (third photo).



Figure 4-25. Demolition of CPP-627 (fourth photo).



Figure 4-26. Demolition of CPP-627 (fifth photo).



Figure 4-27. Demolition of CPP-627 (sixth photo).



Figure 4-28. Demolition of CPP-627 (seventh photo).



Figure 4-29. Demolition of CPP-627 around the Multi-Curie Cell.



Figure 4-30. Pouring the concrete slab over the existing foundation.



Figure 4-31. CPP-627 demolition complete.

